

Segment ID: 0404 **Water body name:** Big Cypress Creek Below Lake Bob Sandlin

Freshwater Stream

Cypress Creek Basin

Total size:

33 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Lower 15 miles	15	27	2	
2002	Dissolved Oxygen grab average	No Concern	Upper 18 miles	18	32	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 15 miles	15	27	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 18 miles	18	32	0	
2002	Dissolved Oxygen 24hr average	No Concern-Limited Data	Lower 15 miles	15	4	0	
2002	Dissolved Oxygen 24hr average	Use Concern-Limited Data	Upper 18 miles	18	8	1	
2002	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Lower 15 miles	15	4	1	
2002	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Upper 18 miles	18	8	1	
2002	Acute Metals in water	Fully Supporting	Lower 15 miles	15	14		
2002	Acute Metals in water	Fully Supporting	Upper 18 miles	18	13	0	
2002	Chronic Metals in water	Fully Supporting	Lower 15 miles	15	14		
2002	Chronic Metals in water	Fully Supporting	Upper 18 miles	18	13		
2002	Chronic Toxicity tests in water	No Concern-Limited Data	Upper 18 miles	18	4	0	
2002	Chronic Toxicity tests in sediment	Use Concern-Limited Data	Upper 18 miles	18	6	2	
2002	Macrobenthos Community	No Concern-Limited Data	Upper 18 miles	18	1	0	29
2002	Fish Community	No Concern-Limited Data	Upper 18 miles	18	1	0	45

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Aquatic Life Use (continued)

2002	Overall Aquatic Life Use	Fully Supporting	Lower 15 miles	15			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 18 miles	18			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 15 miles	15	1	0	
2002	E. coli single sample	Use Concern-Limited Data	Upper 18 miles	18	4	2	
2002	E. coli geometric mean	Not Assessed	Lower 15 miles	15	1		3
2002	E. coli geometric mean	Use Concern-Limited Data	Upper 18 miles	18	4		304
2002	Fecal coliform single sample	Fully Supporting	Lower 15 miles	15	24	1	
2002	Fecal coliform single sample	Not Supporting	Upper 18 miles	18	20	7	
2002	Fecal coliform geometric mean	Fully Supporting	Lower 15 miles	15	24		57
2002	Fecal coliform geometric mean	Not Supporting	Upper 18 miles	18	20		264
2002	Overall Recreation Use	Fully Supporting	Lower 15 miles	15			
2002	Overall Recreation Use	Not Supporting	Upper 18 miles	18			

General Use

2002	Water Temperature	Fully Supporting	Lower 15 miles	15	27	1	
2002	Water Temperature	Fully Supporting	Upper 18 miles	18	35	0	
2002	pH	Fully Supporting	Lower 15 miles	15	27	0	
2002	pH	Fully Supporting	Upper 18 miles	18	33	0	
2002	Chloride	Fully Supporting	Lower 15 miles	15	46		39.3
2002	Chloride	Fully Supporting	Upper 18 miles	18	46		39.3

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General Use (continued)

2002	Sulfate	Fully Supporting	Lower 15 miles	15	46		72.4
2002	Sulfate	Fully Supporting	Upper 18 miles	18	46		72.4
2002	Total Dissolved Solids	Fully Supporting	Lower 15 miles	15	71		364
2002	Total Dissolved Solids	Fully Supporting	Upper 18 miles	18	71		364
2002	Overall General Use	Fully Supporting	Lower 15 miles	15			
2002	Overall General Use	Fully Supporting	Upper 18 miles	18			

Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	Lower 15 miles	15	14		
2002	Human Health Criteria	Fully Supporting	Upper 18 miles	18	13		
2002	Overall Fish Consumption Use	Fully Supporting	Lower 15 miles	15			
2002	Overall Fish Consumption Use	Fully Supporting	Upper 18 miles	18			

Overall Use Support

2002		Fully Supporting	Lower 15 miles	15			
2002		Not Supporting	Upper 18 miles	18			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 15 miles	15	20	0	
2002	Ammonia Nitrogen	No Concern	Upper 18 miles	18	23	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 15 miles	15	21	4	
2002	Nitrite + Nitrate Nitrogen	Concern	Upper 18 miles	18	22	15	
2002	Orthophosphorus	No Concern	Lower 15 miles	15	21	4	
2002	Orthophosphorus	Concern	Upper 18 miles	18	20	12	

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	No Concern	Lower 15 miles	15	20	1	
2002	Total Phosphorus	Concern	Upper 18 miles	18	15	10	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 15 miles	15			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper 18 miles	18			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Lower 15 miles	15	21	3	
2002	Chlorophyll a	No Concern	Upper 18 miles	18	15	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Lower 15 miles	15	4		
2002	Metals in sediment	Not Assessed	Upper 18 miles	18	5		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 15 miles	15			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 18 miles	18			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	Lower 15 miles	15	1		
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 15 miles	15			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 18 miles	18			

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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 15 miles	15			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 18 miles	18			

Overall Secondary Concern

2002		No Concern	Lower 15 miles	15			
2002		Concern	Upper 18 miles	18			